

Application No. 10/620,695
Amendment dated November 14, 2005
Reply to Office Action of August 11, 2005

Docket No.: 0941-0792P

AMENDMENTS TO THE CLAIMS

1. (Original) A turntable structure to control function selection for a media player, comprising:

a base having a central post, wherein the central post has a protrusion and a positioning portion formed thereon;

a retaining ring disposed on the central post and having an engaging hole and a positioning groove, wherein the protrusion is engaged in the engaging hole, the positioning portion is engaged with the positioning groove, and a gap exists between the retaining ring and the central post to prevent deformation of the central post resulting from thermal expansion and contraction;

a bearing assembly encircling the retaining ring;

a rotating assembly assembled on the bearing assembly; and

a rotating shaft fit in the central post and connected to the rotating assembly.

2. (Original) The turntable structure as claimed in claim 1, wherein the retaining ring is metal.

3. (Original) The turntable structure as claimed in claim 1, wherein the central post is hollow.

4. (Original) The turntable structure as claimed in claim 1, wherein the edge of the top end of the central post is sloped.

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5. (Original) The turntable structure as claimed in claim 1, wherein the portion between the central post and the base is a curved surface.

6. (Original) The turntable structure as claimed in claim 1, wherein the bearing assembly is a ball bearing assembly.

7. (Original) The turntable structure as claimed in claim 1, wherein the central post is formed integrally with the base.

8. (Original) The turntable structure as claimed in claim 1, wherein the bottom of the rotating assembly further comprises a plurality of toothed portions enabling the media player to detect the rotary position thereof.

9. (Currently Amended) A turntable structure, comprising:
a base having a central post comprising a protrusion and a positioning portion formed thereon;

a retaining ring disposed on the central post and comprising an engaging hole and a positioning groove, wherein the protrusion is engaged in the engaging hole, the positioning portion is engaged with the positioning groove, and a gap exists between the retaining ring and the central post to prevent deformation of the central post resulting from thermal expansion and contraction;

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a bearing assembly encircling the retaining ring; and
a rotating assembly assembled on the bearing assembly.

10-11. (Cancelled)

12. (Original) The turntable structure as claimed in claim 9, wherein the retaining ring is metal.

13. (Original) The turntable structure as claimed in claim 9, wherein the central post is hollow.

14. (Original) The turntable structure as claimed in claim 9, wherein the edge of the top end of the central post is sloped.

15. (Original) The turntable structure as claimed in claim 9, wherein the portion between the central post and the base is a curved surface.

16. (Original) The turntable structure as claimed in claim 9, wherein the bearing assembly is a ball bearing assembly.

17. (Original) The turntable structure as claimed in claim 9, wherein the central post is formed integrally with the base.

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18. (Original) The turntable structure as claimed in claim 9, wherein the bottom of the rotating assembly further comprises a plurality of toothed portions enabling the media player to detect the rotary position thereof.

19. (Original) The turntable structure as claimed in claim 9, further comprising a rotating shaft fit in the central post and connected to the rotating assembly.